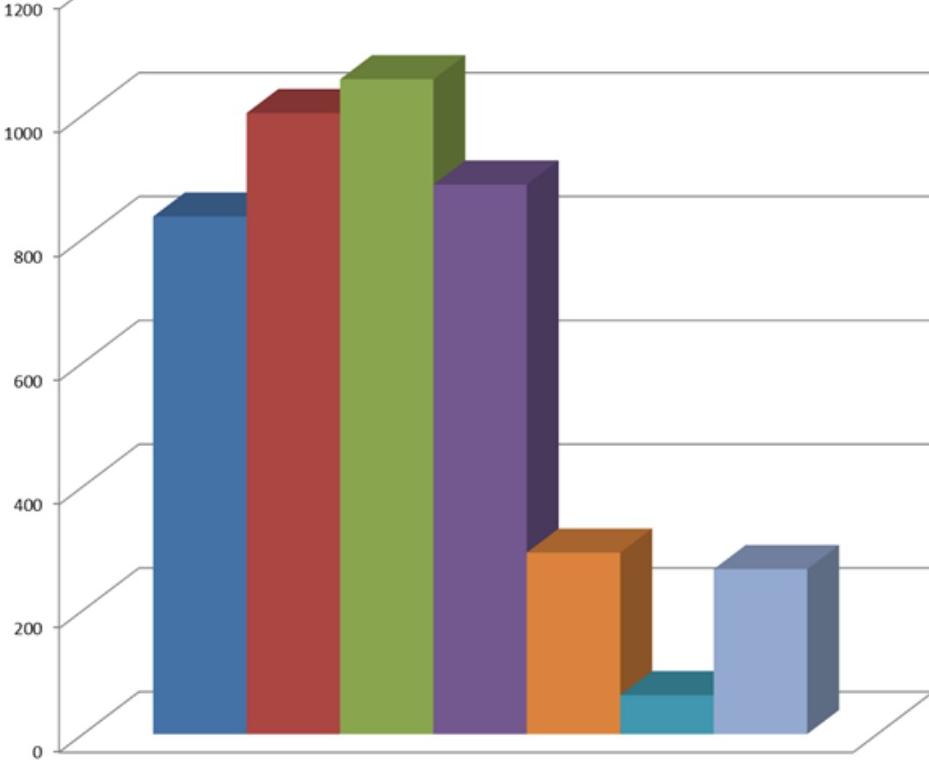


**Energy per Passenger per Journey (MJ)**



- Car (30mpg, 2 passengers)
- Airplane (2011 Transport Energy Data Book)
- Model S (2 passengers)
- Passenger + Vehicle Hyperloop (70% occupancy)
- Motorcycle (50mpg, 1 passenger)
- Train (2011 Transport Energy Data Book)
- Passenger Hyperloop (70% occupancy)

**Figure 1. Energy cost per passenger for a journey between Los Angeles and San Francisco for various modes of transport.**